

ABSTRACT OF THE DISCLOSURE

The present invention discloses a hologram erasing method, in which a predetermined hologram is erased by irradiating a predetermined region of a hologram recording medium in which the hologram to be erased is recorded with a reference light beam and a signal light beam holding a random data pattern at the same time. In this method, the signal light beam and the reference light beam interfere with each other in the medium, and a Fourier transform hologram recorded in the region where the interference occurs is destroyed and erased by interference light beam. That is, a data page for erasing including a random pattern is overwritten to erase an original data page. According to the present invention, the hologram recorded in the optical recording medium can be selectively and completely erased in a simple method.